

METHODS AND SYSTEMS FOR MULTIMEDIA COMMUNICATIONS VIA PUBLIC TELEPHONE NETWORKS

Abstract

5 Methods and systems are disclosed for
providing multimedia telecommunication services to
multimedia workstations. The multimedia workstations
communicate with a multimedia central office which
includes a digital switch complex coupled to a public
10 digital telephone network, and at least one twisted pair
transceiver coupled to at least one twisted pair link in
a telephone loop plant. The multimedia central office
further includes at least one switch complex operatively
associated with the digital switch complex and the at
15 least one twisted pair transceiver. The multimedia
central office is capable of transceiving signals with
multimedia workstations interfaced to the public digital
telephone network, and with multimedia workstations
interfaced to the at least one twisted pair link in the
20 telephone loop plant. The signals which are transceived
include audio signals, video signals, and digital data
signals used in providing the multimedia
telecommunication services.